

IMPROVISED EXPLOSIVE DEVICE EFFECTS SIMULATOR, INCREMENT 1, (IEDES 1) MILES EMITTER UNIT (MEU)



Training Category/Level Utilized:
Engineer/Level 3

Logistic Responsible Command, Service, or Agency:
PEO-STRI, Orlando FL

Source and Method of Obtaining:
Available through local TSC

Purpose of Trainer:

This MEU is a component of the IEDES 1 Training Device System. When the Electronic Common Interface Device (ECID) receives the trigger sequence from the Module Control Unit (MCU) to detonate a non-pyrotechnic or pyrotechnic device the MILES Emitter Unit (MEU) will emit multiple MILES codes in a 360° radius

Functional Description:

The MEU will use a 9 volt alkaline non-rechargeable battery and will have an operation life of 100 hours. The MEU will connect to a non-pyrotechnic Controller utilizing the color coded 485 connection. When the MCU sends a trigger event to an ECID to detonate 1 or more detonation devices the MEU will emit multiple MILES codes in a 360° radius. The maximum effective range is 35 meters. The MEU, Miles codes conform to the MILES Communication Code (MCC) and the PMT-90-S002J specification

Physical Information:

Primary Unit Dimensions: 3.75" diameter X 2.9" high Weight: 1-lb

Equipment Required, Not Supplied:
N/A

Special Installation Requirements:
N/A

Power Requirements:
9 volt battery alkaline

Applicable Publications:
Operators Manual: 05-6920-703-10
System Maintenance Manual: 05-6920-703-24 and P

Reference Publications:
None

Training Requirements Supported:

Individual Training: Any MOS with a mission requirement to operate in an environment where the Improvised Explosive Device threat is likely. Operators may also include military civilians and contractors.